THE TECH

VOL. XXVII. No. 5 BOSTON, MASS., FRIDAY, OCTOBER 11, 1907 PRICE THREE CENTS

ATHLETIC MEETING TODAY AT 1.00 P.M.

UNION MAY BE FORCED TO CLOSE.

ATTENDANCE AT NOON LUNCH TOO SMALL.

Action Would Mean Closing Union to All Dinners and Smokers.

Unless the attendance at the Union for the noon lunch now being served increases considerably within a few days, the Union will be forced to give up serving a lunch. Such an action would mean practically the closing up of the Union entirely as far as service goes, and nothing would remain to the students but a bare, uncomfortable room.

The situation regarding the Union is very serious. Last year at this time an average of from 180 to 190 men attended the Union every day for their lunch. The average this year is so far below these numbers that it is impracticable and a financial loss to run the Union.

The lunch served at the Union this year consists of a soup, hot meat, potato, and bread and butter, the price charged being 20 cents. Coffee or milk and a dessert can be had at an extra cost of five cents. The food supplied is the very best that can be secured, and it was noticeable last year that the larger the attendance the larger the portions served.

However, the serious aspect of the case does not lie alone in the giving up of the noon lunch. If it becomes necessary to do this, the entire kitchen force will have to leave also, so that there will be absolutely no service at the Union.

No clubs or societies will be able to give dinners or be able to expect refreshments at smokers. The Union will become a cold, barren, dirty room, for there will be no one to keep it in the comfortable, inviting and clean condition which it presents every day.

The Saturday evening Kommers will have to be given up also, in spite of the fact that it has been planned this year to make them especially interesting and successful. The men who have profited by being able to wait on the tables will also lose what advantage has come to them in the past.

The Union was started a number of years ago when the Lowell School of Design vacated the rooms now occupied as a student meeting place. Dr. Pritchett had been advocating just such a place, and had already collected a large part of the money for the Walker Memorial Gymnasium. He started the Union not only to give the students a place that they might call their own, where they might meet and learn to know their instructors and classmates, but with the idea of looking forward to the day when the memorial to President Walker might be erected.

The Union in past years has steadily grown in the appreciation of the students, and has come to be more and more a meeting place for all the societies and organizations of the Institute. It was hoped that this year the attendance at the noon lunches might be so large that the club dinners and especially the Kommers might be made even more attractive than they have been in the past.

This aim can not be accomplished unless a larger number of men take advantake of the low-priced, wholesome lunch served every day. If the Union has to be closed up, active student life will practically come to an end, and those men who have the well-being and the reputation of the Institute at heart are urged to patronize this student activity.

FIRE! FIRE!

Technology Club Loses an Awning.

Great excitement reigned Wednesday afternoon at the Technology Club, 83 Newbury St., when it was discovered that one of the awnings was burning briskly. An alarm from Box 99 brought the engines which quickly extinguished the blaze. The damage was $25.

FRESHMAN RELAY TEAM PROMISING.

BUT MORE MEN NEEDED.

A Number of Good Men Are Out But Attendance Not Regular.

Energy has characterized the work up to the present time of the Freshman Relay candidates. Over twenty-five men have signified their intention to try for the team. About ten have been reporting regularly for practise, while quite a few more have shown up occasionally at the Field.

Coach Kanaly, who is training the team, began the work with starting practise, and followed this up with easy jogs through the two-twenty and longer distances. On account of it being so early in the season no very heavy work has as yet been attempted, and no time trials have been run.

The trials, however, for the purpose of picking the final team, will be run much earlier this year than usual. The object in doing this will be to give the finished team more time in which to work as a unit before Field Day, which comes on Nov. 7.

LLOYD C. COOLEY.

Lloyd C. Cooley, the manager of the team, seems to be a promising candidate for a position. Last year he ran on the relay team at Brookline High and he has had considerable experience in other track work. His last year's team mate, W. J. Seligman, is also out for the team. Seligman, besides his relay work, also ran the sprints for Brookline and has shown good speed already this season. He promises to be a fast man on the 1911 team.

Another candidate for the team is William C. Salisbury, who last year ran on the Hill School relay team that won the interscholastic championship of America. Although he has never run the shorter sprints he has made very good time in the quarter and should be able to cover the furlong distance in fast time.

Norman De Forest and F. C. Dolke, who are also out for the team, are from Chauncey Hall. Both have had some previous experience in track work. D. R. Stevens, another candidate, prepared for the Institute at Brookline High School where he ran on his class relay team.

The third Gould brother has now shown up at the Institute and following in the footsteps of his predecessors aspires to honors on the track. Richard Gould, of Newton High, is out to uphold the honor of his family on the Freshman Relay Team.

Taking into consideration the present imperfect organization of the 1911 class, the track support has been good. The number of men out, however, has been far from adequate, and more men must come out at once to work regularly if 1911 is to be creditably represented on the track. A few stars are of value but they cannot make a good relay team without hearty and able support.

INSTITUTE TREASURER RESIGNED WEDNESDAY.

HAD SERVED SIXTEEN YEARS.

George Wigglesworth Long a Friend and Officer of the State.

George Wigglesworth, treasurer of the Institute of Technology for sixteen years, Wednesday afternoon resigned his position, remaining, however, as a member of the Corporation of the Institute. Mr. Wigglesworth has not only served the Institute as treasurer long and faithfully, but has also been a generous giver to all the departments. Where many of his gifts have been placed has never been known.

Francis R. Hart, vice-president of the Old Colony Trust Company, and a former student of the Institute in the class of 1889, was appointed treasurer. He become also an ex-officio member of the executive committee of the corporation, and will probably become a member of the corporation itself.

Although a young man, Mr. Hart has already established a business reputation. He did not graduate from the Institute, but went into the banking business at the end of his second college year.

In the routine business, James P. Munroe, '82, was elected secretary of the corporation. Frederick W. Wood, '77, whose term expires, was re-elected a member of the executive committee. A. Lawrence Rotch, Francis Blake and Augustus Hemenway were appointed trustees of the Museum of Fine Arts on behalf of the Institute.

The receipt of a gift of $5,000 from the estate of Alexander S. Wheeler, and of $25,000 from the estate of Charles Merriam was announced, both the donors being former members of the corporation.

The appointments in the faculty not previously publicly announced are Prof. Edward E. Bugbee, 1900, to professor to fill the place of Prof. Lodge, resigned; Dr. E. B. Wilson of Yale to be associate-professor of mathematics. The promotions are: Prof. Frederick H. Bailey to be professor of mathematics; Leonard M. Passano to be assistant professor of mathematics; Prof. Harrison W. Smith to be associate-professor of electrical engineering; Miles S. Sherrill to be assistant professor of theoretical chemistry; Gilbert N. Lewis, research associate, to be acting director of the research laboratory of physical chemistry in the place of Pres. Noyes.

NEW TRACK MEN OUT.

Schobinger Can Compete This Year. His Event is the Broad Jump.

Several more of the 'varsity track men have showed up lately, and the team seems to be getting in shape again very slowly and gradually.

Schobinger, who was last year debarred from participation in any of the outside meets as a representative of the Institute, on account of the one year rule, will be allowed to compete this season. He has been out at the track and is taking up work again, giving especial attention to broad jumping. He should develop well in this event, and fiill up what has been lately a bad gap in the team.

Salisbury, the old Hill School captain and half-miler, has been working regularly since the opening of school. Last year he made a mark of 2.05 in the half and about 52 in the quarter, under the tutelage of Mike Sweeney, the holder of the world's record in the high jump. Judging by his work so far, Salisbury should surpass his previous records this year. He will be a valuable addition to the squad of middle distance men.

Blackburn, the quarter miler, has also been out for a little preliminary work-out. He is in very good condition and promises to show as good if not better speed than he did last year.

BIOLOGICAL DEPARTMENT IS SPREADING.

WORK GROWING IMPORTANT.

Much Research Work is Being Carried On.

All available room in Pierce Building is being pressed into biological service. This work is growing more and more important, and the graduates from this branch have been doing excellent work in outside research.

H. W. Marshall, '97, who received the degree of B. S. at the Institute, and in 1904 took an M. D. at Johns Hopkins, is now doing research work in the Biological Department with Dr. Goldsmith, attempting to prove that joint diseases, or rheumatism, are carried by anaerobic bacteria in the intestinal tract.

Work is being pushed in the Sanitary Research Laboratory and Sewage Experiment Station on Albany St. along much the same lines as last year. This year Dr. Weysse will not be at the Institute, as he wishes to give his undivided attention to Boston University. Dr. Stiles, besides his work as physiology instructor, will this year act as an assistant professor at Simmons College.

Several graduates of other colleges are taking advance work in the biological laboratories. Among these are Herbert Jenkins, of Leland Stanford, E. C. Howe, Cornell, '06, A. H. Straus, of Richmond College, G. T. Palmer, of the University of Rochester, Irwin of Alleghany College, and MacNutt, Harvard, '06.

A. Stevenson, '07, is assistant to Prof. Winslow, and F. E. Daniels, '07, is assistant to Prof. Phelps. Mr. Stevenson is conducting a series of experiments to discover why and where bacteria grow in sewage pipes. Elaborate systems of tile conduits are being temporarily installed to assist in this investigation. The distance which the draft forces bacteria up pipes forms the

(Continued on page 2.)

PROSPECTS NOT GOOD.

Cross Country Candidates Not Numerous Enough.

Cross Country candidates have been slow about coming out this season, and the outlook for the team is very discouraging. Five members of last year's team are back at the Institute and of these only one has been out at practice regularly. Only three men have shown up for work at all.

Among the new men there are a few promising candidates. One of these is Nickerson, a Freshman, who finished well in the hare and hounds run last Saturday. Niles and McCreadie of the same class both came from Andover, where they had considerable experience. Their previous work has been at the distances. Weeks, '11, who prepared at Western High School, at Washington, D. C., is also showing good promise in daily practice.

Callaway, Ellis, and Howland are the only veterans who have done any work as yet. They have all been out several times and are getting into shape again. The other men who did cross country work last year are conspicuous by their absence.

Coach Kanaly intends to give a good deal of his attention to this branch of the track work and plans to take runs several days a week with the men. In order to arrange these days he wants every cross country candidate to indicate the most convenient afternoons of the week for him to be at the track. This may be done by leaving a note at the Cage for the manager of the team.

The coach is not at all optimistic at present over the prospects of the race with Harvard, and he is of the opinion that if more men do not get out and get out soon the outcome may be disastrous.

A good chance for practice will be given in the hare and hounds run tomorrow. It will start at the Allen School, West Newton. The squad will leave Trinity Place Station at 2.34.

THE TECH

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Friday, October 11, 1907.

A MATTER OF MOMENT.

The Athletic Association meeting, today offers the members of the student body an opportunity to show their real interest in the welfare of athletics at the Institute. Every member of the Institute is a member of the Association, and as such it is his duty to be present at the meeting, at which important business is to be brought up.

Several constitutional changes have been suggested and these will be discussed and acted upon at the meeting. A chance will be given everyone to express his opinion and an effort will be made to remove some of the grounds for criticism which have been only too evident in the management of Tech athletics in the past. Thus, everyone should feel it his duty to Tech to come up to the meeting today, to become acquainted with the matters discussed and lend to their decision his intelligent consideration.

TO THE UNION AT NOON.

"General Apathy," the bugaboo of every student activity at the Institute, is menacing our dearest possession, the Union. The great effort to give to the Institute men a place to eat at reasonable prices, to give Tech an eating place with a college atmosphere, is meeting with failure. If the kitchen in the Union is closed, the numerous clubs and societies must look elsewhere for dinners and meetings. If the Union ceases its commissary department, the Kommers will be no more. The falling off in the numbers at the noon-day lunches at the Union will soon close up the kitchen The result of this will be disastrous, and bring to naught all the work of Dr. Pritchett and Bursar Rand. The Union Lunch had a big deficit last year. The lunches can be given if the deficit does not increase. It is increasing. Remember the Union when you feel hungry in the noon hour.

WHEN IN DOUBT SEE TEDDY.

It has become the fashion when in doubt to ask at the White House. "I should rather live in San Francisco than in Boston," said President Theodore Roosevelt of the United States to President Benjamin Ide Wheeler of the University of California when the latter asked the former about the advisability of giving up the presidency of the western college to accept the presidency of the Massachusetts Institute of Technology.

President Wheeler told of this conversation to 3000 students of the University of California while they were gathered in Harmony Hall to express with songs and cheers their appreciation of President Wheeler's declining the offer, at a high salary.

BIOLOGICAL DEPARTMENT SPREADING.

(Continued from page 1.)

important item to be considered in this work.

The Biological Department has begun the year with many changes in its various branches. Several of last years' topics have been sub-divided in order to allow more complete treatment. Dr. Bigelow, in addition to his library work, will take up vertebrate anatomy, comparative anatomy, experimental zoology, and protozoology. Dr. Woods will begin a new course in embryology, which was formerly combined with the course in comparative anatomy.

In the second term two new features will be taken up. These are seminaries; the first will follow up physiology and biology in general, while the latter takes up more of the industrial phase. Professors Sedgwick and Winslow will meet the instructors and advanced students to discuss these subjects.

The instruction in sanitation will be extended to include santiary biology, industrial hygiene and sanitation, in charge of Prof. Winslow, and public health laboratory practice, in charge of Prof. Richards. The latter course is designed for those who wish to take up work in the state laboratories, which have been pushing to the front in the past few years. The new instruction in sanitation indicates the growing demand for trained men in civil life and the proof that scientific knowledge is becoming more and more essential in municipal affairs.

MISSOURI GETTING ENERGETIC.

Men to Reorganize the Club.

Upperclassmen in the Missouri Club held a meeting Wednesday evening to discuss reorganizing the club, deciding to call a meeting for next Wednesday at 1 P. M. The place will be announced later.

Missouri used to have the leading and most energetic state club at Tech. but following the slump of last spring went down and under like the other clubs. Now the Missouri men are going to "show" instead of "being shown," and promise to have Tech's most hustling state club.

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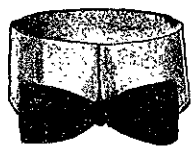

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CLUBS START WELL.

Musicians Hard at Work. Guitars and Tenors Needed.

The season for the Musical Club has opened under most favorable auspices. Many new men, attracted by the opportunities for pleasure and good-fellowship offered by the clubs, appeared for the trials, while a large number of old men have reported for practice.

There are few stars among the new men, but there seems to be no lack of good material, and under the present capable managers and leaders, there should be no difficulty in developing clubs of a high order of merit.

General Manager Hield, '10, is hard at work arranging an excellent schedule of concerts, and there need be no fear that the season will be unsatisfactory in that regard.

The Glee Club held its trials at the Union last Monday. Enough candidates were on hand to allow the selection of some excellent material. Much is to be desired in the way of experience and training, but a coach will be engaged, and this defect will soon be remedied. Those retained for further trial are: Tenors—C. M. Pritchard, W. D. Green, W. C. Taylor, F. W. Willey, H. O. Jenkins, C. Youngerman, H. G. Hawes. Basses—E. S. Anderson, L. O. Mills, K. W. Faunce, G. M. Gadsley, K. R. Kennison, R. R. Taylor, L. W. Thenlar, L. E. Wemple, P. W. Norton.

The Banjo Club trials on Monday afternoon brought out few new men. There were no guitars at all, and the club can use several more banjos. Rehearsals will be held in 33 Rogers every Tuesday and Thursday at 4 P. M.

The trials for the Mandolin Club, held on Tuesday, only emphasized the lack of capable guitarists, for only one new performer on that instrument appeared. Mandolas are also in demand. There were eleven new candidates for places with the old mandolinists who reported, so that this department should be well provided. Leader Coleman, '09, has extensive plans for the improvement of the club, and intends to supplement the mandolins, guitars, mandolas and 'cello with snare drums, and perhaps a violin and flute. The following are expected to report for rehearsal in 31 Rogers at 4 P. M. this afternoon.

A. H. Thompson, '08, F. J. Friedman, '08, M. Ames, '08, H. W. Griswold, '08, K. R. Kennison, '08, H. J. Stiebel, '09, R. W. Lesser, '09, E. E. Kilburn, '09, G. D. Whittle, '09, M. R. Scharff, '09, Lovewell, '09, M. D. Price, '10, W. D. Richardson, '10, J. H. Scoville, '11, K. W. Faunce, '11, J. K. Campbell, '11, W. W. Warner, '11, A. K. Wardwell, '11, D. R. Stevens, '11, Hubby, '11.

TECH IS A GRIND.

Life is a Battle, says Rev. A. A. Stockdale.

Among the interesting remarks made by Rev. A. A. Stockdale in his talk at the first noon meeting of the Technology Christian Association yesterday in Trinity Chapel, were: "Tech is a grind that makes for character as well as for education. Because life is a battle, the strong, virile part of a man is exercised."

"No young man ought to hold any religious view that causes him to compromise his conception of manhood. The right conception of manhood is one of the elements of Christianity. If your conceptions of manhood and Christianity conflict, test them and see which is wrong."

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CALENDAR.

Friday, Oct. 11.

1.00 P. M. Athletic Association meeting in Huntington Hall.
1.00 P. M. Exeter Club Meeting in 26 Rogers.
4.00 P. M. Mandolin Club Rehearsal in 33 Rogers.
7.30 P. M. Electrical Engineering Society Smoker at the Union.

Saturday, Oct. 12.

2.15 P. M. Rifle Club leaves North Station for Wakefield Range.
2.15 P. M. Football, 1910 vs. Roxbury High, at the Field.
2.34 P.M. Hare and Hounds Association leaves Trinity Place for West Newton.

Monday, Oct. 14.

4.00 P. M. Glee Club Rehearsal at the Union.
4.00 P. M. Mandolin Club Rehearsal in 33 Rogers.

FACULTY NOTICES

1911.—All first year men must report to the Instructor at the Gymnasium for a Physical Examination.

Appointments for these examinations will be announced in the First Year Freehand Drawing Department by sections.

Alfred E. Burton, Dean.

NOTICES.

RIFLE CLUB.—All members wishing to qualify for the National Marksman's Reserve leave their names at the Cage before Monday noon for Fred M. Greene.

1910 RELAY TEAM report at the Field daily at 4 P. M.

CLASSIFIED ADS.

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